PTO/SB/30 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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REQUEST FOR

## CONTINUED EXAMINATION (RCE) TRANSMITTAL

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000, provides for continued examination of an utility or plant application filed on or after June 8, 1995.

See The American Inventors Protection Act of 1999 (AIPA).

| o a collection of information unless it displays a valid OMB control number. |                         |  |  |  |  |  |
|--|-------------------------|--|--|--|--|--|
| Application Number   | 09/832,867              |  |  |  |  |  |
| Filing Date  | April 12, 2001          |  |  |  |  |  |
| First Named Inventor   | Shunpei YAMAZAKI et al. |  |  |  |  |  |
| Group Art Unit   | 2822                    |  |  |  |  |  |
| Examiner Name  | Monica Lewis            |  |  |  |  |  |
| Attorney Docket<br>Number  | 0756-2294               |  |  |  |  |  |

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

NOTE: 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53(d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Final Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

| 1.  | 1. Submission required under 37 C.F.R. § 1.114  |          |            |      |  |  |                              |                          |  |  |  |
|---|---|----------|------------|------|--|--|------------------------------|--------------------------|--|--|--|
|   | a. Previously submitted   |          |            |      |  |  |                              |                          |  |  |  |
|   | i. Consider any previously filed and unentered Amendments and Information Disclosure Statements, including the amendment(s)/reply and/or Information Disclosure Statement(s) previously filed on(Any unentered amendment(s) referred to above will be entered). |          |            |      |  |  |                              |                          |  |  |  |
|   |   | ii.      |            |      |  |  |                              |                          |  |  |  |
|   | iii. D Other  |          |            |      |  |  |                              |                          |  |  |  |
|   | b. X Enclosed   |          |            |      |  |  |                              |                          |  |  |  |
|   | i. X Amendment/Reply  |          |            |      |  |  |                              |                          |  |  |  |
|   | ii. Affidavit(s)/Declaration(s)   |          |            |      |  |  |                              |                          |  |  |  |
| ,   |   | iii.     | _          |      | rmation Disclosure Statement (IDS)               |  |                              |                          |  |  |  |
|   | iv. Other   |          |            |      |  |  |                              |                          |  |  |  |
| 2.  | _   |          | llane      | ous  |  |  |                              |                          |  |  |  |
|   | a. Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(I) required)  |          |            |      |  |  |                              |                          |  |  |  |
|   | b. Other  |          |            |      |  |  |                              |                          |  |  |  |
| 3.  | F   | ees      | <b>T</b> h | e RC | E fee under 37 C.F.R. § 1.17(e) is required by 3 | 7 C.F.R. §                               | 1.114 when the RCE is filed. | •                        |  |  |  |
|   | <b>—</b><br>а.  |          | ┛<br>The   | Dire | ctor is hereby authorized to charge the fo       | llowing fee                              | es, or credit any overpayme  | ents, to Deposit Account |  |  |  |
|   |   |          | No.        |      |  | Ŭ.                                       |                              | . ,                      |  |  |  |
|   |   | i.       | _          |      | E fee required under 37 C.F.R. § 1.17(e)         |  |                              |                          |  |  |  |
|   |   | ii.      | _          |      | ension of time fee (37 C.F.R. §§ 1.136 an        | d 1.17)                                  |                              |                          |  |  |  |
|   |   | iii.     |            |      | er   |  |                              |                          |  |  |  |
|   | b.  | _        |            |      | the amount of \$790.00 end                       | closed                                   |                              |                          |  |  |  |
|   | C.  | <u>Ц</u> | Pay        | men  | by credit card (Form PTO-2038 enclosed)          |  |                              |                          |  |  |  |
|   |   |          |            |      | SIGNATURE OF APPLICANT, ATT                      | ORNEY,                                   | OR AGENT REQUIRED            |                          |  |  |  |
| Name (Print/Type) Eric J. Robinson  |   |          |            | pe)  | Eric J. Robinson                                 | Registration No. (Attorney/Agent) 38,285 |                              |                          |  |  |  |
| Signature   |   |          |            |      | 5.   | Date November 27, 2006                   |                              |                          |  |  |  |
| CERTIFICATE OF MAILING OR TRANSMISSION  |   |          |            |      |  |  |                              |                          |  |  |  |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, Box RCE, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on: |   |          |            |      |  |  |                              |                          |  |  |  |
| N   | ame   | e (Pri   | nt/Ty      | oe)  | Adele M. Stamper                                 |  |                              |                          |  |  |  |
| s   | igna  | ture     |            |      | and M Stamper                                    | Date                                     | November 27, 2006            |                          |  |  |  |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent tot he Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND Fees and Completed Forms to the following address: Commissioner for Patents, Box RCE, P.O. Box 1450, Alexandria, VA 22313-1450.

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ction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| FEE TRANSMITTAL |  |
|-----------------|--|
| FOR FY 2005     |  |

NOV 3 0 2006

Effective 10/01/2004. Patent fees are subject to annual revision.  $\hfill \square$  Applicant Claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

Signature

|  | Complete if Known    |                         |   |  |  |  |  |  |  |
|--|----------------------|-------------------------|---|--|--|--|--|--|--|
|  | Application Number   | 09/832,867              |   |  |  |  |  |  |  |
|  | Filing Date          | April 12, 2001          |   |  |  |  |  |  |  |
|  | First Named Inventor | Shunpei YAMAZAKI et al. |   |  |  |  |  |  |  |
|  | Examiner Name        | M. Lewis                |   |  |  |  |  |  |  |
|  | Group Art Unit       | 2822                    |   |  |  |  |  |  |  |
|  | Attorney Docket No   | 0756-2294               | _ |  |  |  |  |  |  |

November 27, 2006

Date

| TOTAL ANTOCKT OF TATALETT  |               |                    |                       |       |  | 1 0/30 22/                  |              |             |  |                     |                           |                   |  |  |
|--|---------------|--------------------|-----------------------|-------|--|-----------------------------|--------------|-------------|--|---------------------|---------------------------|-------------------|--|--|
| METHOD OF PAYMENT  |               |                    |                       |       |  | FEE CALCULATION (continued) |              |             |  |                     |                           |                   |  |  |
| 1.   The Commissioner is hereby authorized to charge indicated   |               |                    |                       |       | 3. ADDITIONAL FEES                               |                             |              |             |  |                     |                           |                   |  |  |
| fees and credit any overpayments to:                             |               |                    |                       |       | 1  | Larg                        |              | Smal        |  |                     |                           | -                 |  |  |
| Denosit  |               |                    |                       |       | F  | Entit                       | -            | Entit       | у  |                     |                           |                   |  |  |
| Deposit<br>Account   | 50-2280       | ) .                |                       |       | Fee<br>Code                                      | (S)                         | Fee<br>Code  | Fee<br>(\$) | Fee Desc                                   | ription             |                           | Fee Paid          |  |  |
| Number   | 50 2200       |                    |                       |       |  | (-/                         |              | . ,         |  | _                   |                           |                   |  |  |
|  |               |                    |                       |       | 1051   | 130                         | 2051         |             | Surcharge – late fill                      | _                   |                           |                   |  |  |
| Deposit  | Dobine        | n Intellectual     | Droperty              |       | 1052   | 50                          | 2052         | 25          | Surcharge – late pro                       | ovisional filing fe | ee or cover sheet         |                   |  |  |
| Account  | Law Of        |                    | rioperty              |       | 1053   | 130                         | 1053         | 130         | Non-English specif                         | ication             |                           |                   |  |  |
| Name   | Law OI        | lice               |                       |       |  |                             |              |             |  |                     |                           |                   |  |  |
|  |               |                    |                       |       | 1812   | 2,520                       | 1812         | 2,520       | For filing a request                       | for ex parte reex   | amination                 |                   |  |  |
| Charge Any Additional Fee Required                               |               |                    |                       |       | 1804   | 920*                        | 1804         | 9201        | Requesting publica                         | tion of SIR prior   | to Examiner action        |                   |  |  |
| Under 37 CFR 1.16 and 1.17 and credit overpayments               |               |                    |                       |       | 1805 1   | 1,840*                      | 1805         | 1,840       | Requesting publica                         | tion of SIR after   | Examiner action           |                   |  |  |
|  |               |                    |                       |       | 1251   | 120                         | 2251         | 60          | Extension for reply                        | within first mon    | th                        |                   |  |  |
|  | nt claims sma | all entity status. | #¥-\$                 | -     |  |                             |              |             |  |                     |                           |                   |  |  |
| 2. E Payment Enclosed:   |               |                    |                       |       | 1252   | 450                         | 2252         | 225         | Extension for reply                        | within second m     | onth                      | ,                 |  |  |
| Check  | ☐ Cred        | it Card            | Money $\square$ C     | ther  | 1253   | 1020                        | 2253         | 510         | Extension for reply                        | within third mor    | nth                       |                   |  |  |
| Order  |               |                    |                       |       | 1254   | 1,590                       | 2254         | 795         | Extension for reply                        | within fourth mo    | in fourth month           |                   |  |  |
| -  | FEE           | CALCULATIO         | N                     |       | 1255   | 2,160                       | 2255         | 1080        | Extension for reply                        | within fifth mon    | th                        |                   |  |  |
| 1. BASIC FIL   | ING FEE       |                    |                       |       | 1401   | 500                         | 2401         | 250         | Notice of Appeal                           |                     |                           |                   |  |  |
| Large Entity   | Small En      | tity               |                       |       | 1402   | 500                         | 2402 .       | 250         | Filing a brief in sup                      | port of an appeal   | 1                         |                   |  |  |
| Fee Fee  |               | ee Fee Descrip     |                       |       | 1403   | 1000                        | 2403         | 500         | Request for oral he                        | aring               |                           |                   |  |  |
| Code (\$)  | Code (S       |                    | Fee I                 | ald   | 1451   | 1.510                       | 1451         |             | Petition to institute                      |                     | reeding                   |                   |  |  |
| 1001 300   | 2001 15       | , ,                | fee                   |       | 1452   | 500                         | 2452         |             | Petition to revive –                       |                     | occum <sub>b</sub>        |                   |  |  |
| 1111 500   | 2111 25       | O Search fee       |                       |       |  |                             | 2453         |             | Petition to revive –                       |                     |                           |                   |  |  |
| 1311 200 2311 275 Examination fee                                |               |                    |                       |       |  | 1,500                       |              |             |  |                     |                           |                   |  |  |
| Over 100 Sheets/250 for each additional 50                       |               |                    |                       |       |  | 1,400                       | 2501         |             | Utility issue fee (or                      | reissue)            |                           |                   |  |  |
|  |               |                    |                       |       | 1502   | 800                         | 2502         |             | Design issue fee                           |                     |                           |                   |  |  |
|  |               |                    |                       |       | ·1503  | 1100                        | 2503         |             | Plant issue fee                            |                     |                           |                   |  |  |
| SUBTOTAL (1) (\$)  |               |                    |                       |       |  | 400<br>200                  | 1462<br>1463 |             | Petitions, Group I<br>Petition, Group II   |                     |                           |                   |  |  |
|  | 30            | UBTOTAL (1)        | (Ψ)                   |       | 1463<br>1464                                     | 130                         | 1464         |             | Petitions, Group III                       |                     |                           |                   |  |  |
| 2. EXTRA CLAIM FEES  |               |                    |                       |       | 1807   | 50                          | 1807         | . 50        | Processing fee unde                        | er 37 CR 1.17(q)    |                           |                   |  |  |
| Fee from   |               |                    |                       | n · · | 1806   | 180                         | 1806         | 180         | Submission of Info                         | rmation Disclosu    | re Stmt                   |                   |  |  |
| Total Claims Extra Claims below Fee Paid  Total Claims X \$50 =  |               |                    |                       |       | 8021   | 40                          | 8021         | 40          |  |                     | er property (times        |                   |  |  |
| Independent F  | 2 **          | = X                | \$200 =               |       | 1809   | 790                         | 2809         | 305         | number of propertie<br>Filing a submission |                     | ion (37 CFR               |                   |  |  |
| Independent3** = X\$200 =  |               |                    |                       | 1009  | 130  | 2007                        | 373          | § 1.129(a)) | and marieject                              | ion (or oth         |                           |                   |  |  |
| Multiple Depende   | ent           |                    | =                     |       | 1810   | 790                         | 2810         | 395         | For each additional § 1.29(b))             | invention to be     | examined (37 CFR          |                   |  |  |
| Large Entity   | Small En      |                    |                       |       | 1801   | 790                         | 2801         | 395         | Request for Continu                        | ued Examination     | (RCE)                     | \$790.00          |  |  |
| Fee Fee  | Fee F         | •                  | tion                  |       | 1802   | 900                         | 1802         | 900         | Request for expedit                        | tad avamination     | of a design               |                   |  |  |
| Code   | (\$) Code     | e (\$)             |                       |       | 1002   | 200                         | 1002         | 700         | application                                | os examination (    |                           |                   |  |  |
| 1202 50  | 2202 2        | 5 Claims in ex     | cess of 20            |       | Other  | fee (spe                    | cify)        |             |  | ·                   |                           |                   |  |  |
| 1201 200   | 2201 10       | 0 Independent      | claims in excess of   | 3     | 1  |                             |              |             |  |                     |                           |                   |  |  |
| 1203 : 360   | 2203 18       | 0 Multiple dep     | endent claim, if no   | paid  | * Red  | uced by                     | Basic F      | iling F     | ee Paid                                    | SUBTOTAL (3         | (\$) 790.00               |                   |  |  |
| 1204 200   | 2204 10       | 0 ** Reissue i     | ndependent claims     | ver   |  |                             |              |             |  |                     |                           | <del></del>       |  |  |
|  |               | original pate      | ent –                 |       |  |                             |              |             | CERTIFICA                                  | TE OF MAN INC       |                           |                   |  |  |
| 1205 50  | 2205 2        |                    | claims in excess of 2 | U and |  |                             |              |             | this correspondence is                     |                     | h the United States Posta |                   |  |  |
| over original patent   |               |                    |                       |       |  | ent postag<br>313-1450      |              |             |  | // // /             | er for Patents, P.O. Box  | 1450, Alexandria, |  |  |
| SUBTOTAL (2) (\$)  |               |                    |                       |       |  |                             |              |             | Udell                                      | IYI LAM             | rpu                       |                   |  |  |
| **or number previously paid, if greater; For Reissues, see above |               |                    |                       |       |  |                             |              |             |  |                     | <u> </u>                  |                   |  |  |
| SUBMITTED BY   |               |                    |                       |       |  |                             |              |             |  | Complete (if        |                           |                   |  |  |
| Name (Print/T)   | ina)          | Eric J. Robin      | son                   |       | Registration No. 38,285 Telephone (571) 434-6789 |                             |              |             | 39   |                     |                           |                   |  |  |
| Transe (Frint/1)   | pe)           |                    |                       |       | (Atto  | rney/Ag                     | gent)        |             |  | 2 Ctophone          |                           |                   |  |  |